

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Hoo-Geun Lee et al.

Application No.: 10/539,743

Confirmation No.: 5025

Filed: December 19, 2003

Art Unit: 1793

For: Apparatus for Manufacturing Molten Irons by
Hot Compacting Fine Direct Reduced Irons
and Calcined Additives and Method Using
the Same

Examiner: M. L. Shevin

REQUEST FOR CORRECTED FILING RECEIPT

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

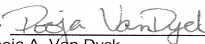
Sir:

The applicants hereby request that a corrected filing receipt be issued in the above-identified patent application. The official filing receipt received by the applicants, a copy of which is attached hereto as Exhibit A, has typographical errors in the city of residence for all the inventors and is marked up to reflect the necessary corrections. In addition, the city for the assignee has a typographical error. Both the city of residence for the inventors and the city for the assignee should read "Kyungsangbuk-do," rather than Kyungsankbuk. A previous request for corrected filing receipt to correct the city of residence for the inventors was filed on April 18, 2006, and is enclosed as Exhibit B. The declaration includes the correct information for the city of residence for all the inventors and the city for the assignee and is attached as Exhibit C. In addition, submitted herewith is a supplemental application data sheet reflecting the correct address for the inventors and address for the assignee.

The applicants additionally request that all pertinent U.S. Patent and Trademark Office records relating to the subject application be changed to reflect this correction.

May 18, 2010

Respectfully submitted,

By 

Pooja A. Van Dyck

Registration No.: 64,806

MARSHALL, GERSTEIN & BORUN LLP

6300 Willis Tower

233 South Wacker Drive

Chicago, Illinois 60606-6357

(312) 474-6300

Attorney for Applicants

EXHIBIT A



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address COMMISSIONER FOR PATENTS
 PG Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/539,743	02/13/2006	1742	1530	29347/50809	9	30	3

CONFIRMATION NO. 5025

4743
 MARSHALL, GERSTEIN & BORUN LLP
 233 S. WACKER DRIVE, SUITE 6300
 SEARS TOWER
 CHICAGO, IL 60606

RECEIVED

APR 04 2006

MARSHALL GERSTEIN

FILING RECEIPT



OC000000018387248

Date Mailed: 03/30/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Kyungsangbuk-do
 Hoo-Geun Lee, *Kyungsangbuk*, KOREA, REPUBLIC OF;
 Sung-Kee Shin, *Kyungsangbuk*, KOREA, REPUBLIC OF;
 Tae-In Kang, *Kyungsangbuk*, KOREA, REPUBLIC OF;
 Chang-Oh Kang, *Kyungsangbuk*, KOREA, REPUBLIC OF;
 Kwang-Hee Lee, *Kyungsangbuk*, KOREA, REPUBLIC OF;
 Sang-Hoon Joo, *Kyungsangbuk*, KOREA, REPUBLIC OF;
 Sung-Gon Kim, *Kyungsangbuk*, KOREA, REPUBLIC OF;
 Deuk-Chae Kim, *Kyungsangbuk*, KOREA, REPUBLIC OF;

Assignment For Published Patent Application

Posco, *Pohang-shi*, KOREA, REPUBLIC OF

Kyungsangbuk-do
 Power of Attorney: The patent practitioners associated with Customer Number 4743.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/KR03/02789 12/19/2003

Foreign Applications

REPUBLIC OF KOREA 10-2002-0082120 12/21/2002
 REPUBLIC OF KOREA 10-2002-0085858 12/28/2002

Projected Publication Date: 07/06/2006

Non-Publication Request: No

Early Publication Request: No

Title

Apparatus for manufacturing molten irons by hot compacting fine direct reduced irons and calcined additives and method using the same

Preliminary Class

075

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where

the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

EXHIBIT B



IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE

For Receipt
PATENT

Applicant: ~~XXXXXX~~ et al.

Serial No.: 10/539,743

Filed: February 13, 2006

For: APPARATUS FOR
MANUFACTURING MOLTEN IRONS
BY HOT COMPACTING FINE
DIRECT REDUCED IRONS AND
CALCINED ADDITIVES AND
METHOD USING THE SAME

Group Art Unit: 1742

Examiner: To be assigned

REQUEST FOR CORRECTED FILING RECEIPT

Commissioner for Patents
Office of Initial Patent Examination's Filing Receipt Corrections
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The above-identified application was filed on February 13, 2006. A copy of the official filing receipt received April 4, 2006, is attached hereto.

The filing receipt has a typographical error in the city of all inventors.

Please change "Kyungsangbuk" to --Kyungsangbuk-do--.

Issuance of a corrected filing receipt and correction of Office records is solicited.

Respectfully submitted,

MARSHALL, GERSTEIN & BORUN LLP

By: 

James P. Zeller
Reg. No. 28,491
Attorneys for Applicants

April 13, 2006.

6300 Sears Tower
233 South Wacker Drive
Chicago, Illinois 60606-6357
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UNITED STATES PATENT AND TRADEMARK OFFICE


 UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
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APR 04 2006

MARSHALL GERSTEIN

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 Sung-Kee Shin, Kyungsangbuk, KOREA, REPUBLIC OF;
 Tae-In Kang, Kyungsangbuk, KOREA, REPUBLIC OF;
 Chang-Oh Kang, Kyungsangbuk, KOREA, REPUBLIC OF;
 Kwang-Hee Lee, Kyungsangbuk, KOREA, REPUBLIC OF;
 Sang-Hoon Joo, Kyungsangbuk, KOREA, REPUBLIC OF;
 Sung-Gon Kim, Kyungsangbuk, KOREA, REPUBLIC OF;
 Deuk-Chae Kim, Kyungsangbuk, KOREA, REPUBLIC OF;

Assignment For Published Patent Application

Posco, Pohang-shi, KOREA, REPUBLIC OF

Power of Attorney: The patent practitioners associated with Customer Number 4743.

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Projected Publication Date: 07/06/2006

Non-Publication Request: No

Early Publication Request: No

Title

Apparatus for manufacturing molten irons by hot compacting fine direct reduced irons and calcined additives and method using the same

Preliminary Class

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Title 37, Code of Federal Regulations, 5.11 & 5.15

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The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

EXHIBIT C

DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; I believe that I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled "APPARATUS FOR MANUFACTURING MOLTEN IRONS BY HOT COMPACTING FINE DIRECT REDUCED IRONS AND CALCINED ADDITIVES AND METHOD USING THE SAME," the specification of which was filed on December 19, 2003, as International Application No. PCT/KR2003/002789 (U.S. Serial No. 10/539,743) and was amended on June 20, 2005. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 of any foreign application for patent or inventor's certificate or of any international application designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any international application designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application of which priority is claimed:

			Priority Claimed	
10-2002-0082120	Korea	21 December 2002	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
(Application Serial Number)	(Country)	(Day/Month/Year Filed)		
10-2002-0085858	Korea	28 December 2002	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
(Application Serial Number)	(Country)	(Day/Month/Year Filed)		

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application listed below:

_____ (Application Serial Number)	_____ (Day/Month/Year Filed)
--------------------------------------	---------------------------------

I hereby claim the benefit under 35 U.S.C. §120 of any United States application or international application designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application and the national or international filing date of this application:

_____ (Application Serial Number)	_____ (Day/Month/Year Filed)	_____ (Status-Patented, Pending or Abandoned)
--------------------------------------	---------------------------------	--

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

BEST AVAILABLE COPY

POWER OF ATTORNEY: I hereby appoint as my attorneys, with full powers of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

All practitioners at Customer Number 04743

Send correspondence to: James F. Zeller

FIRM NAME
Marshall, Gerstein & Borun LLP

PHONE NO.
312-474-6300

STREET
6300 Sears Tower
233 South Wacker Drive

CITY & STATE
Chicago, Illinois

ZIP CODE
60606-6357

Full Name of First or Sole Inventor <u>Hoo-Guun Lee</u>	Citizenship People's Republic of Korea
Residence Address - Street 1 Goedong-dong, Nam-ku, Pohang-shi	Post Office Address - Street 1 Goedong-dong, Nam-ku, Pohang-shi
City (Zip) Kyungsangbuk-do, 790-300 KRX	City (Zip) Kyungsangbuk-do, 790-300
State or Country People's Republic of Korea	State or Country People's Republic of Korea
Date <input checked="" type="checkbox"/> January 10, 2006	Signature <input checked="" type="checkbox"/> Hoo Guun Lee

Second Joint Inventor, if any <u>Sung-Kee Shin</u>	Citizenship People's Republic of Korea
Residence Address - Street 1 Goedong-dong, Nam-ku, Pohang-shi	Post Office Address - Street 1 Goedong-dong, Nam-ku, Pohang-shi
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State or Country People's Republic of Korea	State or Country People's Republic of Korea
Date <input checked="" type="checkbox"/> January 10, 2006	Signature <input checked="" type="checkbox"/> Sung Kee Shin

Third Joint Inventor, if any <u>Tae-In Kang</u>	Citizenship People's Republic of Korea
Residence Address - Street 1 Goedong-dong, Nam-ku, Pohang-shi	Post Office Address - Street 1 Goedong-dong, Nam-ku, Pohang-shi
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State or Country People's Republic of Korea	State or Country People's Republic of Korea
Date <input checked="" type="checkbox"/> January 10, 2006	Signature <input checked="" type="checkbox"/> Tae-In Kang

Fourth Joint Inventor, if any <u>Chang-Oh Kang</u>	Citizenship People's Republic of Korea
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State or Country People's Republic of Korea	State or Country People's Republic of Korea
Date <input checked="" type="checkbox"/> January 10, 2006	Signature <input checked="" type="checkbox"/> Chang-Oh Kang

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50

Fifth Joint Inventor, if any <u>Kwang-Hee Lee</u>	Citizenship People's Republic of Korea
Residence Address - Street 1 Goedong-dong, Nano-ku, Pohang-shi	Post Office Address - Street 1 Goedong-dong, Nam-ku, Pohang-shi
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State or Country People's Republic of Korea	State or Country People's Republic of Korea
Date <input checked="" type="checkbox"/> January 10, 2006	Signature <input checked="" type="checkbox"/> <i>Kwang-Hee Lee</i>

60

Sixth Joint Inventor, if any <u>Sang-Hoon Joo</u>	Citizenship People's Republic of Korea
Residence Address - Street 1 Goedong-dong, Nam-ku, Pohang-shi	Post Office Address - Street 1 Goedong-dong, Nam-ku, Pohang-shi
City (Zip) Kyungsangbuk-do, 790-300 <i>KRX</i>	City (Zip) Kyungsangbuk-do, 790-300
State or Country People's Republic of Korea	State or Country People's Republic of Korea
Date <input checked="" type="checkbox"/> January 10, 2006	Signature <input checked="" type="checkbox"/> <i>Joe Sang Hoon</i>

70

Seventh Joint Inventor, if any <u>Sung-Gon Kim</u>	Citizenship People's Republic of Korea
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State or Country People's Republic of Korea	State or Country People's Republic of Korea
Date <input checked="" type="checkbox"/> January 10, 2006	Signature <input checked="" type="checkbox"/> <i>Sung-Gon Kim</i>

BEST AVAILABLE COPY

500

Full Name of First or Sole Inventor <u>Deuk-Chae Kim</u>	Citizenship Republic of Korea
Residence Address - Street 1 Goedong-dong, Nam-ku, Pohang-shi	Post Office Address - Street 1 Goedong-dong, Nam-ku, Pohang-shi
City (Zip) <u>Kyungsangbuk-do, 790-300</u> <u>KRX</u>	City (Zip) Kyungsangbuk-do, 790-300
State or Country Korea	State or Country Korea
Date January 10, 2006	Signature <i>Kim Deuk-Chae</i>

BEST AVAILABLE COPY

APPLICABLE RULES AND STATUTES

37 CFR 1.56. DUTY OF DISCLOSURE - INFORMATION MATERIAL TO PATENTABILITY (Applicable Portion)

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned.

Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentability defines, to make sure that any material information contained therein is disclosed to the Office.

Information relating to the following factual situations enumerated in 35 USC 102 and 103 may be considered material under 37 CFR 1.56(a).

35 U.S.C. 102. CONDITIONS FOR PATENTABILITY: NOVELTY AND LOSS OF RIGHT TO PATENT

A person shall be entitled to a patent unless —

- (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for patent, or
- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of the application for patent in the United States, or
- (c) he has abandoned the invention, or
- (d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate filed more than twelve months before the filing of the application in the United States, or
- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraph (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent, or
- (f) he did not himself invent the subject matter sought to be patented, or
- (g) before the applicant's invention thereof the invention was made in this country by another who had not abandoned, suppressed, or concealed it. In determining priority of invention there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other.

35 U.S.C. 103. CONDITIONS FOR PATENTABILITY; NON-OBVIOUS SUBJECT MATTER (Applicable Portion)

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

35 U.S.C. 112. SPECIFICATION (Applicable Portion)

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor of carrying out his invention.

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